

LISTING OF CLAIMS:

Claims 1 - 12 (Canceled)

13. (New) A method of manufacturing a pressure-sensitive resistor for a pressure-sensitive sensor that includes a pair of electrodes provided on first and second base films, respectively, between the first and second base films, the pressure-sensitive resistor provided by one layer on one of the electrodes to form a predetermined gap between the one layer of the pressure-sensitive resistor and the other electrode or by two layers on the electrodes to form a predetermined gap between the two layers, the method comprising:

preparing a binder resin having an elasticity modulus in a range between 10 and 1000 Mpa;

coating each of a plurality of electrical conductive particles with a polymer; and

adding the coated particles into the binder resin so that the coated particles are dispersed in the binder resin.

- 14. (New) The method according to claim 13, wherein the electrical conductive particles are carbon black particles.
- 15. (New) The method according to claim 13, wherein the electrical conductive particles have a primary particle diameter that is in a range between 8 nm and 300 nm.

- 16. (New) The method according to claim 15, wherein the primary particle diameter of the electrical conductive particles is in a range between 15 nm and 100 nm.
- 17. (New) The method according to claim 13, wherein, the coating is performed such that an amount of the polymer coated on the electrical conductive particles is in a range between 1 wt% and 70 wt% with respect to a total amount of the electrical conductive particles and the binder resin.
- 18. (New) The method according to claim 17, wherein the coating is performed such that the amount of the polymer coated on the electrical conductive particles is in a range between 1 wt% and 50 wt% with respect to the total amount of the electrical conductive particles and the binder resin.
- 19. (New) A method of manufacturing a pressure-sensitive sensor, comprising:

forming first and second base films opposite to each other;
forming a pair of electrodes on first and second base films,
respectively, between the first and second base films; and

forming first and second pressure-sensitive resistors by
two layers on the electrodes to form a predetermined gap between
the first and second pressure-sensitive resistors, wherein a
contact state between the first and second pressure-sensitive
resistors is changed in accordance with a pressure applied to at
least one of the first and second base films, and the electrodes

are formed to change a resistance therebetween in accordance with the contact state between the first and second pressuresensitive resistors,

wherein the forming of the first and second pressuresensitive resistors includes:

preparing a binder resin having an elasticity modulus in a range between 10 and 1000 Mpa;

coating each of a plurality of electrical conductive particles with a polymer; and

adding the coated particles into the binder resin so that the coated particles are dispersed in the binder resin.

- 20. (New) The method according to claim 19, wherein the electrical conductive particles are carbon black particles.
- 21. (New) The method according to claim 19, wherein the electrical conductive particles have a primary particle diameter that is in a range between 8 nm and 300 nm.
- 22. (New) The method according to claim 19, wherein the coating is performed such that an amount of the polymer coated on the electrical conductive particles is in a range between 1 wt% and 70 wt% with respect to a total amount of the electrical conductive particles and the binder resin.
- 23. (New) The method according to claim 19, further comprising:

arranging a spacer between the first and second base films so as to form the predetermined gap between the first and second pressure-sensitive resistors.

24. A method of manufacturing a pressure-sensitive sensor, comprising:

forming first and second base films opposite to each other;

forming a pair of electrodes on first and second base films,
respectively, between the first and second base films; and

forming a pressure-sensitive resistor by one layer on one of the electrodes to form a predetermined gap between the pressure-sensitive resistor and the other one of the electrodes, wherein: a contact state between the pressure-sensitive resistor and the other one of the electrodes is changed in accordance with a pressure applied to at least one of the first and second base films; and the electrodes are provided to change a resistance therebetween in accordance with the contact state between the pressure-sensitive resistor and the other one of the electrodes,

wherein the forming of the pressure-sensitive resistor includes:

preparing a binder resin having an elasticity modulus in a range between 10 and 1000 Mpa;

coating each of a plurality of electrical conductive particles with a polymer; and

adding the coated particles into the binder resin so that the coated particles are dispersed in the binder resin.